

RECEIVED

1645

Page 1 of 5

APR 30 2002

TECH CENTER 1600/2900



1600

ENTERED

RAW SEQUENCE LISTING

DATE: 04/17/2002

PATENT APPLICATION: US/09/674,254

TIME: 14:18:28

Input Set : A:\Tab fertility.ST25.txt  
Output Set: N:\CRF3\04172002\I674254.raw

3 <110> APPLICANT: Tabibzadeh, Siamak  
5 <120> TITLE OF INVENTION: DIAGNOSTIC MARKERS OF HUMAN FEMALE INFERTILITY  
7 <130> FILE REFERENCE: 0152.00384  
9 <140> CURRENT APPLICATION NUMBER: 09/674,254  
10 <141> CURRENT FILING DATE: 2000-12-27  
12 <150> PRIOR APPLICATION NUMBER: PCT/US99/09366  
13 <151> PRIOR FILING DATE: 1999-04-29  
15 <150> PRIOR APPLICATION NUMBER: 60/083,418  
16 <151> PRIOR FILING DATE: 1998-04-29  
18 <160> NUMBER OF SEQ ID NOS: 6  
20 <170> SOFTWARE: PatentIn version 3.0  
22 <210> SEQ ID NO: 1  
23 <211> LENGTH: 1962  
24 <212> TYPE: DNA  
25 <213> ORGANISM: homo sapien  
27 <400> SEQUENCE: 1  
28 cccactctg cctcctgctc ccccagggca gcaccatgtg gcccctgtgg ctctgctggg 60  
30 cactctgggt gctccccctg gctggccccc gggcggccct gaccgaggag cagctcctgg 120  
32 cgagcctgct gcggcagctg cagctcagcg aggtgcccgt actggacagg gccgacatgg 180  
34 agaagctggc catccccggcc cacgtgaggg cccagttatgt agtctctgctg cggcgacg 240  
36 gggaccgctc cccggaaag agttcagcc agagcttccg agaggtggcc ggcagggttcc 300  
38 tggcgtcgga ggcgcacaca cacctgctgg tggcgccat ggagcagcgg ctgcccggcc 360  
40 acagcgagct ggtgcaggcc gtgcgtcgcc tcttcagga gccgggttccc caaggcgcgc 420  
42 tgcacaggca cgggcggctg tccccggcaag cggccaaaggc cccgggtgacc gtcgagtggc 480  
44 tggcccgca cgacggctcc aaccgcaccc ctctcatgca ctccaggctg gtgtccgtcc 540  
46 acgagagcgg ctggaaaggcc ttgcacgtga ccgaggccgt gaacttctgg cagcagctga 600  
48 gccggccccc ggagccctg ctcttacagg tgcgtgtca gagggagcat ctggccgc 660  
50 tggcgccgg cgccacaag ctggctccgtt tggctcgca gggggcgcga gccgggttcc 720  
52 gggagcccca gctggagctg cacaccctgg acctcaggga ctatggagct cagggcgact 780  
54 gtgaccctga agcaccaatg accgaggggca cccgctgctg ccggcaggag atgtacattg 840  
56 acctgcagggt gatgaagtgg gccaagaact gggtgcgtgg gccccccggc ttcctggctt 900  
58 acgagtgtgt gggcacctgc cagcagcccc cggaaaggcc ggccttcaat tggccatttc 960  
60 tggggccgcg acagtgttacgc acgtgttacgc ctgcctcgct gcccattgtac gtcagcatca 1020  
62 aggagggagg caggaccagg ccccaggtgg tcagctgtcc caacatgagg gtgcagaaggt 1080  
64 gcaagctgtgc ctggatggg ggcgtcgctg caaggaggct ccagcatagg ccctgggtta 1140  
66 tccatttgcg ctctaaactgac acgtgttacgc aagagggtgg cttaatgttag ggcgttaact 1200  
68 ttatacttag caagttactc catcccaatt tagtgcgtcc gtgtgaccc tc gcccgtgtc 1260  
70 cttccatttcc tgcgtttcc tc gcccatttcc catcccaatttgc acttacgttca gtaaataatg 1320  
72 cagctcagat gctggatgttca agtaggaaat gctggatgttca gtttacatgttca gtttacatgttca 1380  
74 gcaatgcaca catttttcgc tgggagtttc tggatgttca gaaatttttc actgagttctg 1440  
76 gaacaataat accctatgtat tagaactggg gaaacagaac tgaattgttca gtttataatg 1500  
78 ggaattaaaaa ctttcaatc tcttttccccc cccaaatactg acccattctg gacttttgc 1560  
80 aacatacacca gggccctgtt cccctgagag ggtgcttca ggaaggatgttca gggcttccagg 1620

## RAW SEQUENCE LISTING

PATENT APPLICATION: US/09/674,254

DATE: 04/17/2002

TIME: 14:18:28

Input Set : A:\Tab\_fertility.ST25.txt  
 Output Set: N:\CRF3\04172002\I674254.raw

82 ctggggcag tggacaggga attggatac ctggattctg gttctgacag ggccacaaggc 1680  
 84 taggatctct aacaaacgca gaaggcttgc gctcgatcatt tcctcttaaa aaaggaggag 1740  
 86 ctgggcttca gctctaagaa cttcattgcc ctggggatca gacagccctt acctaccctt 1800  
 88 gcccactcct ctggagactg agccttgcctt gtgcattttt aggtcatttc ccacactgtc 1860  
 90 tttagagaact tgcaccaga aaccacatgtt atttgcattt tttagctaaa 1920  
 92 gcaattgaat gtagatactc agaagaaata aaaaatgtt tt 1962  
 95 <210> SEQ ID NO: 2  
 96 <211> LENGTH: 4  
 97 <212> TYPE: PRT  
 98 <213> ORGANISM: artificial sequence  
 100 <220> FEATURE:  
 W--> 101 <221> NAME/KEY: artificial sequence  
 102 <222> LOCATION: (1)..(4)  
 103 <223> OTHER INFORMATION: pre-pro-protein cleavage site where X is any amino acid  
 106 <400> SEQUENCE: 2  
 W--> 108 Arg Xaa Xaa Arg  
 109 1  
 111 <210> SEQ ID NO: 3  
 112 <211> LENGTH: 16  
 113 <212> TYPE: PRT  
 114 <213> ORGANISM: homo sapien  
 116 <400> SEQUENCE: 3  
 118 Cys Ala Ser Asp Gly Ala Leu Val Pro Arg Arg Leu Gln His Arg Pro  
 119 1 5 10 15  
 121 <210> SEQ ID NO: 4  
 122 <211> LENGTH: 19  
 123 <212> TYPE: DNA  
 124 <213> ORGANISM: artificial sequence  
 126 <220> FEATURE:  
 W--> 127 <221> NAME/KEY: artificial sequence  
 128 <222> LOCATION: (1)..(19)  
 129 <223> OTHER INFORMATION: 5' primer  
 132 <400> SEQUENCE: 4  
 133 tcagcgaggt gcccgtact 19  
 136 <210> SEQ ID NO: 5  
 137 <211> LENGTH: 19  
 138 <212> TYPE: DNA  
 139 <213> ORGANISM: artificial sequence  
 141 <220> FEATURE:  
 W--> 142 <221> NAME/KEY: artificial sequence  
 143 <222> LOCATION: (1)..(19)  
 144 <223> OTHER INFORMATION: 3' primer  
 147 <400> SEQUENCE: 5  
 148 agttcttaga gctgaagcc 19  
 151 <210> SEQ ID NO: 6  
 152 <211> LENGTH: 13  
 153 <212> TYPE: PRT  
 154 <213> ORGANISM: homo sapien  
 156 <400> SEQUENCE: 6

RAW SEQUENCE LISTING

PATENT APPLICATION: US/09/674,254

DATE: 04/17/2002

TIME: 14:18:28

Input Set : A:\Tab fertility.ST25.txt  
Output Set: N:\CRF3\04172002\I674254.raw

158 Asp Arg Ala Asp Met Glu Lys Leu Val Ile Pro Ala Cys

159 1 5 10

**VERIFICATION SUMMARY**

PATENT APPLICATION: US/09/674,254

DATE: 04/17/2002

TIME: 14:18:29

Input Set : A:\Tab fertility.ST25.txt  
Output Set: N:\CRF3\04172002\I674254.raw

L:101 M:257 W: Feature value mis-spelled or invalid, <221> Name/Key for SEQ ID#:2  
L:108 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:2  
L:127 M:257 W: Feature value mis-spelled or invalid, <221> Name/Key for SEQ ID#:4  
L:142 M:257 W: Feature value mis-spelled or invalid, <221> Name/Key for SEQ ID#:5